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Safety is no accident

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Document Version
Publisher's PDF, also known as Version of record

Publication date:
2008

Link to publication in University of Groningen/UMCG research database

Citation for published version (APA):
Kesseler, E. (2008). *Safety is no accident: contributions to achieving certifiable safe software*. [Thesis fully internal (DIV), University of Groningen]. [s.n.].

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Download date: 05-05-2023

Abbreviations

AL	Assurance Levels
ALARP	As Low As Reasonably Practical
ANS	Air Navigation services
AOC	Airline Operations Centre
AOCS	Attitude and Orbit Control System
ATM	Air Traffic Management
CASE	Computer Aided Software Engineering
CNS	Communication, Navigation, Surveillance
COOPATS	Co-operative Air Traffic Services
COTS	Commercial Of-The-Shelf
DIS	Distributed interactive Simulation
DMSO	Defence Modelling and Simulation Office
EAI	Enterprise Application Integration
EAL	Evaluation Assurance Levels
EGNOS	European Geostationary Navigation Overlay System
ESARR	Eurocontrol Safety Regulatory Requirement
ESSI	European Systems and Software Initiative
FAC	Forward Air Controller
FAR	Federal Aviation Requirements
FEDEP	Federation Development and Execution Process
FHA	Functional Hazard Analysis
FLOSS	Free/Libre/Open Source Software
FOM	Federation Object Model
GOMS	Goals, Operators, Methods and Selection
GUI	Graphical User Interface
HLA	High Level Architecture
HMI	Human–Machine Interface
ICAO	International Civil Aviation Organisation

IMC	Instrument Meteorological Conditions
J2EE	Java Enterprise Edition
J2ME	Java Micro Edition
JAR	Joint Aviation Requirements
KLOC	thousand lines of code
MC/DC	modified condition/ decision coverage
MISRA	Motor Industry Software Reliability Association
MOM	Management Object Model
MOTS	Modified Of-The-Shelf
PDU	Protocol Data Units
(P) SSA	(Preliminary) System Safety Assessment
RTI	(HLA) Run Time Infrastructure
SA/RT	Structured Analysis / Real Time system extensions
SD	Structured Design
SE	Synthetic Environment
SIL	Safety Integrity Levels
SmartFED	Scenario Manager for Real-time Federation Directing
SOM	Simulation Object Model
TALIS	Total Information Sharing for Pilot Situational Awareness Enhanced by Intelligent Systems
TCD	Test Case Definition
TIS	Traffic Information Services
UAV	Unmanned Aerial Vehicle
VMC	Visual Meteorological Conditions
VOR	VHF Omnibearing Range
WAAS	Wide Area Augmentation System